FALCON 4400 SERIES

Hand-Held and Pistol Grip Mobile Computers

HIGHLIGHTS

- **OUTSTANDING ERGONOMICS**
Industry leading ergonomics combine superb balance, light weight and arched contours for ease of use.

- **VISIBILITY**
Easy to read 200 NIT, 3.5” QVGA display provides ease of use in a wide variety of lighting conditions.

- **FLEXIBILITY**
Flexible configurations provide choice of two operating systems, five bar code scan engines and eight keypads.

- **RUGGED**
Rugged construction survives industrial environments and multiple drops to concrete.

- **AUDIBLE FEEDBACK**
Loudest beeper on the market, 86dBA at 24”/61 cm, provides audible feedback in noisy operating environments.

- **STANDARDS**
State of the art partnerships leverage IEEE technology standards: Microsoft Windows; Intel X-Scale architecture; Cisco and Summit WiFi CCX v 4; Bluetooth® wireless technology.

FEATURES

- Microsoft Windows® CE or Windows Mobile® Operating Systems
- WiFi wireless local area networking with CCX v 4 security
- Intel® XScale Microprocessor
- 128 MB RAM / 128 MB Flash Memory
- Bluetooth® wireless technology
- Falcon® Management Utility (FMU) and Falcon® Desktop Utility (FDU)

APPLICATIONS

- Inventory control
- Price verification
- Cycle Count
- Shipping
- Receiving
- Picking
- Put Away
- Asset Tracking
- Order Management

FALCON 4400 SERIES

Specifications

PHYSICAL CHARACTERISTICS

DIMENSIONS	Length: 9.0” / 22.6 cm Width at display: 3.5” / 8.6 cm Width at grip: 2.5” / 6.4 cm Height at grip: 1.6” / 4.1 cm
WEIGHT	23.3 oz / 660 g (Varies depending on configuration selected)
KEYBOARDS	26-key Standard Alphanumeric; 48-key full alphanumeric (Falcon Gun Only); 52-key full alphanumeric; 52 key numbers up full alphanumeric; Full alphanumeric keyboards have 5250 overlays in the box
DISPLAY	3.5” active matrix TFT QVGA display; 320 x 240, pixels; 64K colors, up to 200 NIT, anti-reflective
OPERATING TEMPERATURE	14° to 122° F / -10° to 50° C
STORAGE TEMPERATURE	-13° to 158° F / -25° to 70° C
DROP RESISTANCE	Survives twelve 5.0’ / 1.5m drops to concrete
PROTECTION CLASS	CIE IEC 60529, Rating IP54

SYSTEM

OPERATING SYSTEM	Microsoft Windows CE 5.0 or Windows Mobile 5.0
MICROPROCESSOR	Intel® XScale™ PXA255, 400 MHz
MEMORY	128 MB SDRAM / 128 MB Flash
MAIN BATTERY	Rechargeable LiIon battery pack; 2400 mAh @ 3.7 v nominal
BACKUP BATTERY	Rechargeable lithium backup battery
POWER MANAGEMENT	Sleep/off mode with programmable timeout: 5 mA; Idle mode: 60 mA; Operating mode: 155 mA.; Low battery indicator

COMMUNICATIONS

LOCAL AREA NETWORK	Wi-Fi certified 802.11b/g, Cisco Certified CCX version 4.0
PERSONAL AREA NETWORK	Bluetooth class 2, v1.2
COM PORTS	RS232, USB v1.1 Client
DOCK COMMUNICATIONS	USB 1.1 & RS232
PC CARD	Internal card slot
BEEP TONE	86dBA (at 24” / 61 cm) / 100dBA (at 10 cm) Programmable for pitch and duration

READING OPTIONS

LASER SCAN ENGINES*	Standard (SR): 2.5 - 36 inches (8 - 91 cm); Long Range (LR): 8 - 210 inches (20 - 533 cm); Advanced Long Range (ALR): 9 - 320 inches (23 - 813 cm)
IMAGING SCAN ENGINES*	Standard 2D Imager: 2 - 13 inches (5 - 33 cm)
1D Codes	Code 32, 39, 93; EAN/JAN 8, 13; Matrix 2/5; EAN/UPC 2 digit ext.; Codabar; EAN 128; MSI / Plessey; EAN/UPC 5 digit ext.; Code 128; UPC A, E; Standard 2/5; EAN/UCC Composite; Code 128 ext.; Interleaved 2/5; Code 39 Full ASCII; RSS-14/RSS Limited
2D Codes	PDF-417; RSS Expanded; Data Matrix; QR Code; Micro PDF-417; Aztec Code; Maxi Code; OCR-A/B; U.S. Currency Serial Number; MICR E 13 B; Postal Codes

**Depth of field distances vary by symbol, symbol length, scan angle, printing resolution, contrast, and ambient light.*

SAFETY AND REGULATORY

ELECTRICAL	EN60950-1, UL60950-1, CSA60950-1
BATTERY	IATA/UN 38.3
EMISSIONS	FCC Part 15C, EN55022, VCCI, ICES-003, CNS 13438, AS/NZS CISPR 22
RADIO	FCC Part 15:247, EN 300 328
LASER CLASSIFICATION	CDRH Class II, IEC 60825-1, Class 2; Class 3R for ALR devices
RADIO APPROVED COUNTRIES	Contact Datalogic

Caution: Laser Radiation - do not stare into beam

Please refer to user manual available at www.mobile.datalogic.com/manuals for information on product use limitation. For more information see: www.mobile.datalogic.com/falcon4410 and www.mobile.datalogic.com/falcon4420

Accessories

Docks

Spare Battery Charger

Direct Charge Power Supply

Soft Case with Belt Clip

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We reserve the right to make modifications and improvements.

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DATALOGIC™

DATALOGIC MOBILE